

PUBLIC SCHOOLS of
BROOKLINE



PSB Enrollment Update

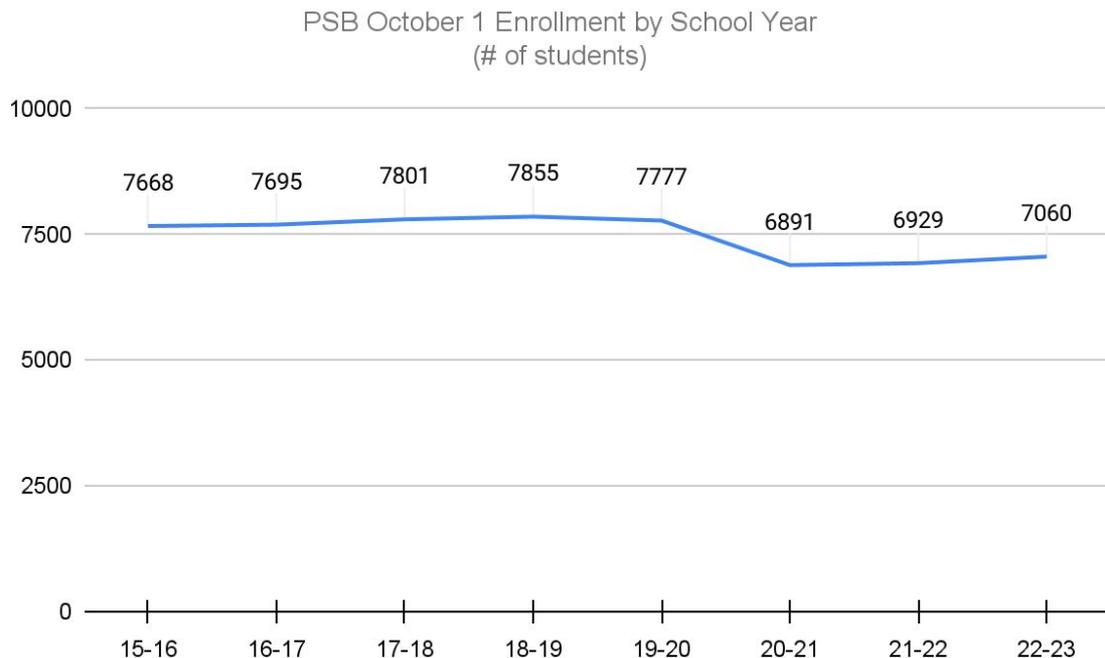
November 10, 2022

Agenda



- Review district enrollment over time
 - October 1 enrollment
 - Projections vs. Preliminary 2022-23 enrollment
- Analyze Summer Churn Patterns
 - Withdrawal records submitted during summer period between SY21-22 and SY22-23
 - New Student Summer enrollment
- Analyze cohort enrollment progression
- Discuss conclusions
- Questions

Enrollment Over Time (October 1)



October 1, 2022

- 7060 students
- 4973 PK-8
- 509 K
- 2087 BHS

October 1, 2022 Enrollment

Total Early Childhood Programs 257
Total Early Childhood Programs PS < 3 10
Total K-8 4716

Baker 672
Driscoll 456
Heath 459
Lawrence 621
Lincoln 485
Pierce 705
Ruffin Ridley 825
Runkle 493

Total BHS 2087
Total Elementary/High School 6803
Total All Students[^] 7060
Total Out of District 56

[^] Excludes OOD students, reported separately, and PS < 3

THE PUBLIC SCHOOLS OF BROOKLINE OCTOBER 1, 2022 ENROLLMENT

Elementary Schools	K	1	2	3	4	5	6	7	8	PS	PK	Total Elementary School **										
												22-23	21-22	20-21	19-20	18-19	17-18	16-17	15-16			
Baker	16 20 16 16	20 20 21 21	18 19 17 20	18 20 20 19	18 20 19 19	19 20 19 19	19 19 17 17	15 18 16 17	16 18 16 16	18 17 16 22			672	617	650	750	762	763	759	794		
Driscoll	17 18 16	18 18 20	20 18 20	16 18 16	18 15 19	18 16 14	15 17 17	16 18 17	18 16 18	21 20 18			456	454	492	600	614	613	583	588		
Heath	20 20 17	18 16 17	18 17 16	20 18 19	20 17 17	18 18 21	21 22 12	14 13 14	16 18 19	19 19 19			459	457	467	525	522	534	548	551		
Lawrence	20 20 21	17 19 20	20 18 19	17 17 17	20 19 20	20 18 20	20 18 20	18 17 21	22 21 22	23 21 22			621	592	590	679	705	722	706	684		
Lincoln	19 18 17	17 16 17	20 21 21	20 18 19	18 13 15	15 19 20	20 18 17	18 13 20	16 16 17	20 20 20			485	471	513	576	581	578	576	575		
Pierce	18 18 19	19 18 19	20 21 21	19 18 19	19 20 19	21 21 20	15 18 18	21 23 20	21 23 22	22 21 20			705	721	709	842	865	859	843	841		
Ruffin Ridley	18 19 18 19	21 22 21 20	20 20 20	20 19 20	16 16 18	22 23 21	18 23 20	23 22 23	22 23 21	22 21 20		12 14	851	830	787	888	873	801	792	850		
Runkle	16 16 17	18 18 17	21 21 20	19 19 20	21 19 19	16 16 18	18 19 20	21 21 21	20 21 21		15		508	490	495	582	581	612	597	589		
Total Elementary	509	527	547	534	504	544	467	521	563	0	41		4757	4632	4703	5442	5503	5482	5404	5472		
Early Childhood Sites												PS < 3	PS > 3	PK								
Beacon - PK/RISE													3	6	44							
Beacon - PS*																						
Clark - PK																						
Clark - PS*													3	3	45							
Lynch - PK/RISE																						
Lynch - PS*													4	5	52							
Putterham - PK/RISE																						
Putterham - PS*																						
Total Early Childhood Sites													14	202								
High School	22-23	21-22	20-21	19-20	18-19	17-18	16-17	15-16														
9	510	544	509	521	554	531	500	502														
10	552	509	490	557	542	510	509	514														
11	507	492	514	512	489	497	493	486														
12	497	518	505	474	499	506	478	447														
SP	21	24	20	19	17	19	15	12														
Total High School	2087	2087	2038	2083	2101	2063	1995	1961														
Total Out of District Students													56									

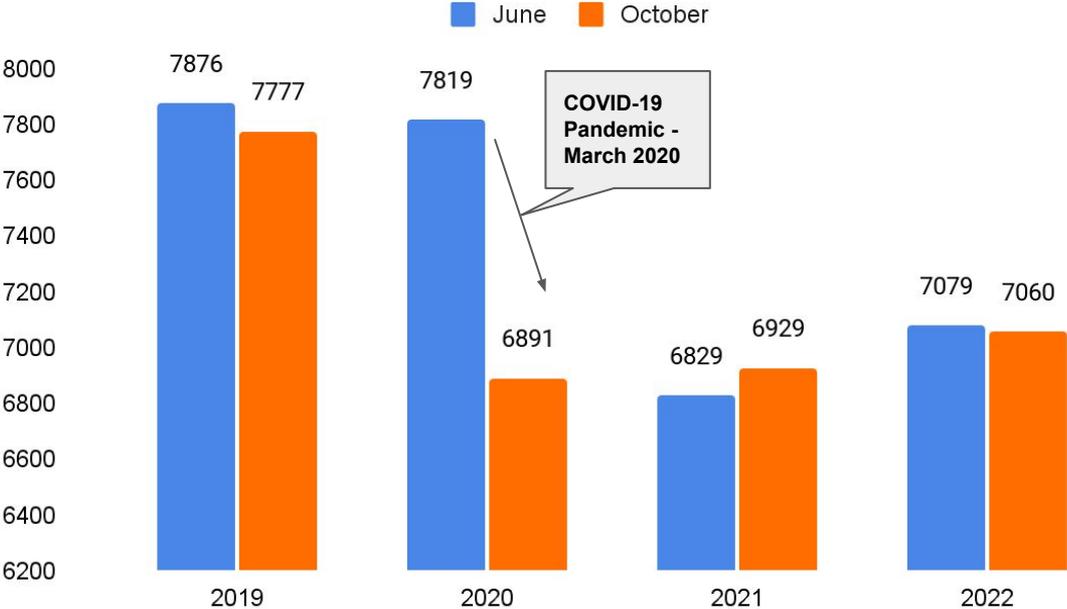
Total Early Childhood Programs 257
Total Early Childhood Programs PS < 3 10
Elementary Schools 41
Early Childhood Sites 216

Total Elementary/High School 6803
Total All Students[^] 7060

** Includes Early Childhood located in Elementary Schools
PK = Pre-Kindergarten
* PS = Pre-School (PS > 3 = students age 3 as of October 1; reported; PS < 3 = students under age 3; shown, but not reported or included in total)
[^] Excludes OOD students, reported separately

June to October Enrollment Patterns

End of Year to Beginning of Year Enrollment (PK-12)



Source: Aspen Student Information System - District Records

Enrollment Range Forecast Methodology

Creates and enrollment range using prior year forecasts and historical data

Ranges:

- **Low:** FY23 single point projection*
- **Mid:** Average of three enrollment indicators[§]
- **High:** Cropper/McKibben forecasts

Allows PSB to plan for best-guess forecast while also remaining sufficiently staffed to respond to a larger number of students if they come

Please see [PSB Enrollment Update April 7, 2022](#)

* Single Point Projection based on Historical Progression Rates (five-year average)

- Excludes 2020-21 outlier year

- Includes new housing developments to be occupied during the FY23 year as indicated by Town Planning Department (134 Babcock, 21 Crowninshield, Hancock Village)

- Assumes BEEP enrollment at 300 students; Assumes SP enrollment at 24 students

§ Mid incorporates an average regarding:

- immigrant student transfers

- Number of EL students over time

- Number of new immigrant registrations

Actual & Projected Enrollment

	ACTUAL				PROJECTED		
	19-20 (Oct)	20-21 (Oct)	21-22 (Oct)	22-23 (Oct)	22-23 (Low)	22-23 (Mid)	22-23 (High)
PK	252	153	255	257	300	300	300
K-8	5442	4703	4587	4716	4641	4776	5484
9-12 & SP	2083	2035	2087	2087	2075	2171	2225
Total	7777	6891	6929	7060	7016	7247	8009

Summer Churn Analysis (June - Sept. 22/23 vs. 21/22)

Grade Level	2022/23								2021/22		
	Trans I/S Pub	Trans I/S Priv	Trans-Out State	Home School	Not Enrolled	Withdrawals Grand Total	New Students enrolled	Net gain/loss	Withdrawals Grand Total	New Students enrolled	Net gain/loss
1	16	5	29			50	57	7	46	58	12
2	10	3	30			43	53	10	49	58	9
3	7	4	17		1	29	49	20	52	56	4
4	7	9	19			35	38	3	37	37	0
5	3	10	25		1	39	42	3	44	47	3
6	5	18	16		2	41	33	-8	57	36	-21
7	4	10	20		2	36	39	3	44	34	-10
8	4	15	16		3	38	31	-7	33	45	12
9	5	6	19	1	2	33	30	-3	59	40	-19
10	4	2	10		1	17	22	5	28	23	-5
11		4	10			14	16	2	25	20	-5
12	3	1	6		1	11	12	1	13	12	-1
K	13	10	23	1		47	69	22	16	122	106
Grand Total	81	97	240	2	13	433	491	58	503	588	85

Students' Previous School Experience (Summer '22, '21 & '20 Enrollments)

Students' Previous School Experience

PSB Summer Enrollments



YOG Cohort enrollment progression Last 5 years

Year of Graduation	School Year						22/23 Grade
	17/18	18/19	19/20	20/21	21/22	22/23	
2023	550	545	521	490	492	497	12
2024	585	571	561	509	509	507	11
2025	660	665	618	555	544	552	10
2026	621	605	582	502	513	510	9
2027	691	680	654	567	553	563	8
2028	630	645	627	542	503	521	7
2029	568	574	574	494	480	467	6
2030	609	615	613	545	534	544	5
2031		603	613	514	545	504	4
2032			600	501	517	534	3
2033				488	516	547	2
2034					501	527	1
2035						509	K
	Key	Cohort declined from prior School Year	Cohort stayed the same as prior School Year	Cohort increased from prior School Year	First data point for cohort	SOURCE: October 1 SIMS Submission to DESE	

Conclusions

- **Total enrollment is higher than October 2021**
- **Projections accommodate bigger BEEP cohort for growth through year than actual enrollment**
- **Mobility and churn remain important data points in PSB**
 - **Fewer students withdrew over the summer period in SY22-23 than SY21-22**
 - **Fewer kindergarten registrations completed over the summer due to better Winter/Spring outreach**
- **Positive observations/trends noticed**
 - **International students are returning at a higher rate than last year**
 - **Most cohorts are seeing an increase in students compared to prior years**

QUESTIONS?

